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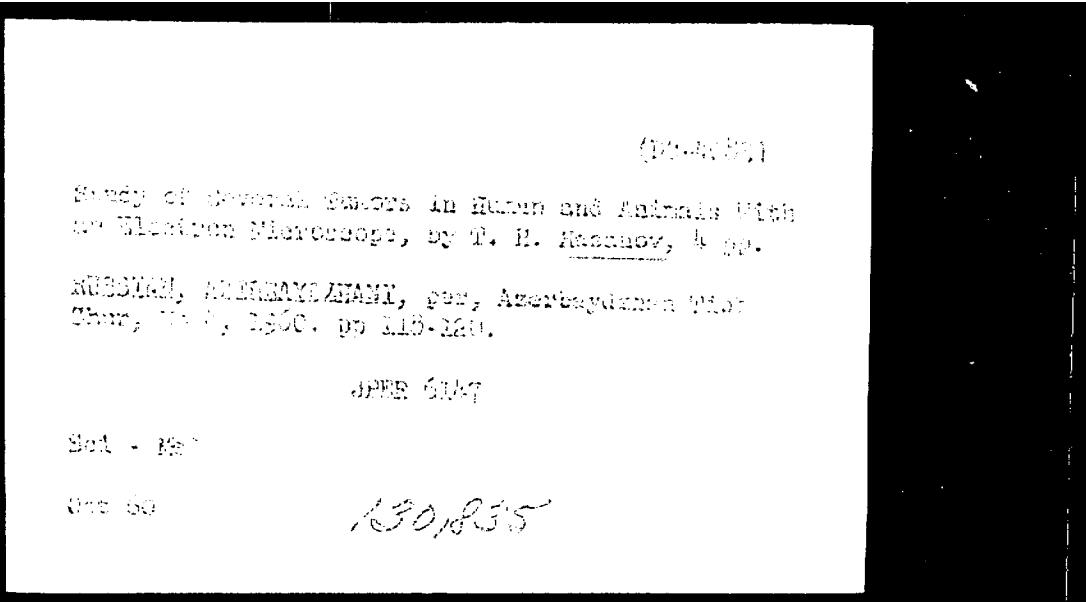
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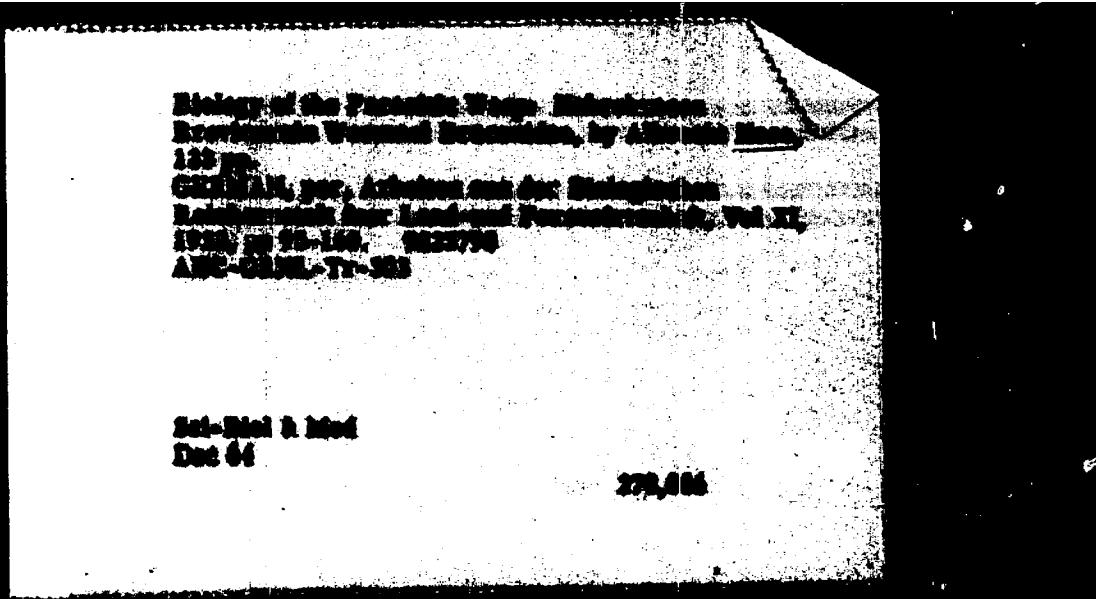
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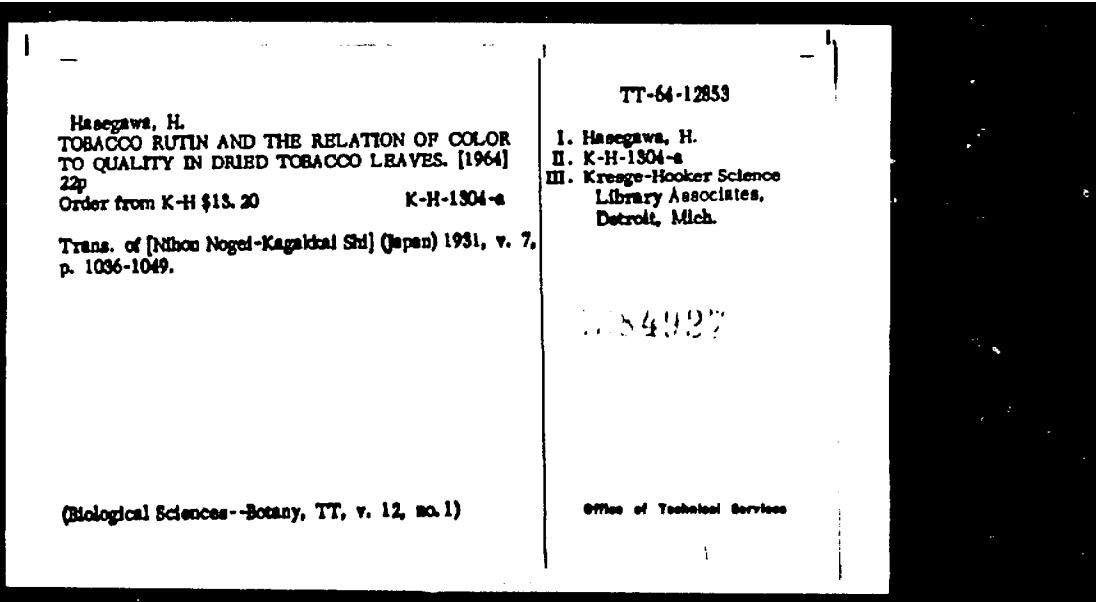
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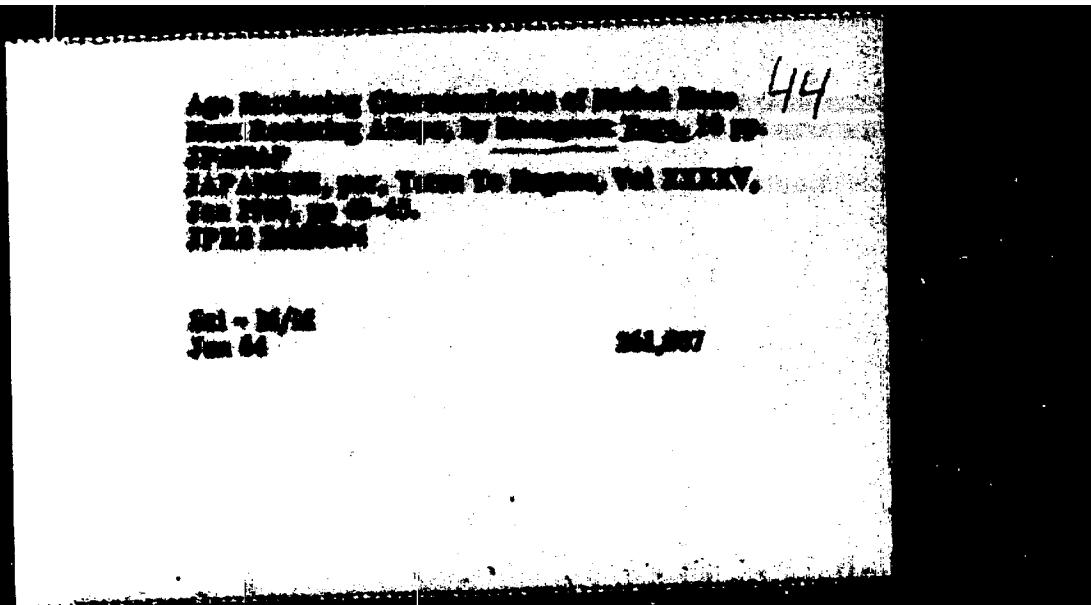
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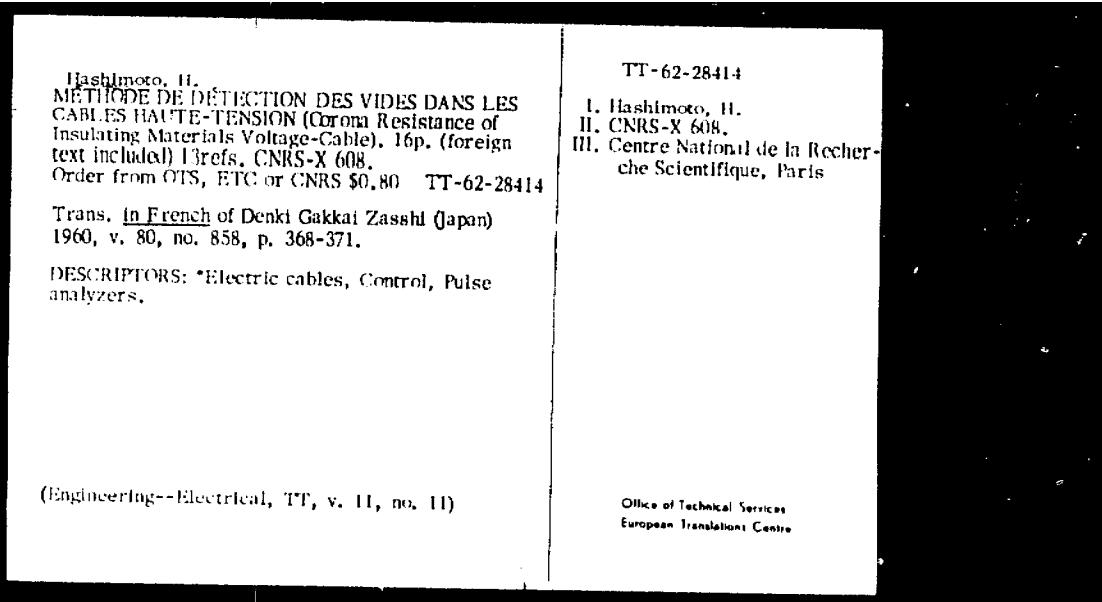
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Electromyographic Studies on the Paroxysmal
Paralysis of Extremities, by S. Hashimoto, D.
Murokawa, M. Yasuhara, 16 pp.

JAPANESE, per, W Naika Hokan, Vol V, No 2,
1958, pp 154-159.

NIH 2-19

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<p>✓ Hashimoto, S. and Nagai, K. THE PRODUCTS OF HYDROLYSIS OF 1,2,4- TRICHLOROBENZENE [1962] Sp. Order from ATS \$7.45 ATS-47P60 Trans. of Doshisha Kagaku Kaishi (Japan) 1957, v. 8, no. 2, p. 76-79.</p> <p>DESCRIPTORS: Benzene, Chlorides, Hydrolysis.</p> <p>H-5-55-3690</p> <p>(Chemistry--Physical, TT, v. 8, no. 2)</p>	<p>62-17302</p> <p>I. Hashimoto, S. II. Nagai, K. III. ATS-47P60 IV. Associated Technical Services, Inc., East Orange, N. J.</p> <p>L-6162</p> <p>Office of Technical Services</p>
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On the Intramolecular Rearrangements of
Phenylhydroxleamine, by S. Hashimoto.
JAPANESE, per, Kogyobu Kenkyu Hokoku, Vol
1, No 3, 1948, pp 118-121.
NLL Ref: 9022.49 (17)

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Oct 69

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The Wave Filtering Process of the Treated Gauze Wall, by
R. Ito (Takushoku University), T. Matsuo, T. Yamamoto, et al., 6 pp.
JAPANESE, proc. Association Society of Japan, Journal, 1962.
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Hashimoto, Shizunobu, Furukawa, Isao, and Yanagawa,
Tebunosuke.

SYNTHESIS OF ORGANO-PHOSPHORUS ACID DIALLYL
ESTERS AND THE INFLUENCE OF CHEMICAL
STRUCTURE ON THE POLYMERIZATION CHARAC-
TERISTICS AND INFAMMABILITY OF THEIR POLY-
MERS. Oct. 62, 17p., 12 refs.

Order from SA \$21.00

SA Code-C613

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
no. 9, p. 1682-1686.

Another trans. is available from SA \$1.60 as
62-18039 [1962] 20p.

DESCRIPTORS: *Phosphorus acids, Allyl radicals,
*Esters, Chlorides, Phosphines, Synthesis, Molecular
structure, Polymerization, Inflammable materials,
Combustion.
(Chemistry--Organic, TT, v. 8, no. 12)

62-34500

- I. Hashimoto, S.
- II. Furukawa, I.
- III. Yanagawa, T.
- IV. SA Code-C613
- V. Seizaburo Aoki (Japan)

1206378

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Hashimoto, Senichiro, Kurokawa, Dentaro and
Yasuhara, Morohiro.

ELECTROMYOGRAPHIC STUDIES ON THE
PAROXYSMAL PARALYSIS OF EXTREMITIES. Tr. by
W. Himmel. 15 Jan 59, 16p. (6 figs. omitted) 11 refs.
Order from OTS or SLA \$1.60 59-12739

Trans. of Naika Hokan (Japan) 1958, v. 5, no. 2,
p. 154-159.

DESCRIPTORS: *Paralysis, Legs, Etiology,
*Pathology, *Drugs, Insulin, Glucose, Adrenal
cortical extract, *Muscles.

A forty-nine-year-old male patient with paroxysmal
paralysis of the extremities, whose motor palsy after
meals was favorably affected by KCl administration,
was examined for the motility, grasping power, tendon
reflexes, serum electrolytes, blood pressure, ECG,
EMG, etc. after provocative dosages of large quanti-
(Biological Sciences--Pathology, TT, v. 8, no. 3) over

59-12739

I. Hashimoto, S.
II. Kurokawa, D.
III. Yasuhara, M.
IV. National Institutes of
Health, Bethesda, Md.

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Hashimoto, Shizunobu; Furukawa, Isao; and
Yanagawa, Tetsunosuke.

SYNTHESIS OF ORGANO-PHOSPHORUS ACID
DIALLYL ESTERS AND THE INFLUENCE OF
CHEMICAL STRUCTURE ON THE POLYMERIZA-
TION CHARACTERISTICS AND FLAME RESISTANCE
OF THE RESINS. [1962] 20p. 12 refs.
Order from SLA \$1.60

62-18039

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
no. 9, p. 1682-1686.

DESCRIPTORS: Plastics, *Resins, Synthesis, *Poly-
merization, Organic acids, *Phosphorus, *Allyl
radicals, *Esters, Fire resistant coatings, Solvent
action.

Four types of organo-phosphorus acid diallyl esters
were synthesized from acid chlorides, then BPO was
added to these and polymerization was carried out;
(Materials--Plastics, TT, v. 8, no. 9) (over)

62-18039

- I. Hashimoto, S.
- II. Furukawa, I.
- III. Yanagawa, T.

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Office of Technical Services

A Comparison Between the Echo-Tracing of
the Sea-Bottom With the $1\frac{1}{4}$ Kc Echo-Sounder and
That With the Echo-Sounder With Ultra High Fre-
quency Soundwaves, Which has the Same Mechanism as
the $1\frac{1}{4}$ kc Echo-sounder, by T. Hashimoto,
Y. Maniwa.

JAPANESE.

NZDIA

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Dec 62

A Comparison of Sounding Charts Recorded in the
Same Region of the Sea by a 14kc and a Narrow-
Beam 200kc Echo-Sounder, by T. Hashimoto,
Y. Maniwa.

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<p>Hashimoto, Tomiju and Maniwa, Yoshinobu. COMPARISON BETWEEN SURVEY MAP BY 14.5 KC. FISH-FINDER AND THAT BY 200 KC. FISH-FINDER WITH SHARP BEAM ON SAME SEA, tr. by Grace Y. Beard. [1960] 5p. (15 figs. omitted) 3 refs. Order from OTS or SLA \$1.10 60-13257</p> <p>Trans. of [Gyosen Kenkyu Giho] (Japan) 1958, no. 12, p. 149-155.</p> <p>DESCRIPTORS: *Echo ranging, *Fishes, *Fisheries, Detection, *Underwater object locators, Maps.</p> <p>(Earth Sciences--Oceanography, TT, v. 6, no. 5)</p>	<p>60-13257</p> <p>I. Hashimoto, T. II. Maniwa, Y. III. Fish and Wildlife Service, Washington, D. C.</p> <p>Office of Technical Services</p>	<p>4-2-61</p>
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Hashimoto, Tomiju and Maniwa, Yoshinobu.
NOISE OF CREATURES IN SEA IN REGION OF
ULTRASOUND, tr. by Grace Y Beard. 1959 (14p).
(22 figs. on 16mm) 5 refs.
Order from OTS or SLA \$1.60

60-19855

Trans. of [Gyoden Kenkyu Giho] (Japan) 1958, no. 12,
p. 99-114.

DESCRIPTORS: *Aquatic animals, Noise, *Underwater
sound, *Ultrasonics, Ultrasonic radiation, Production.

Experiments in a water tank showed that shellfish
(common shell clam, short-necked clam) and crustaceans
(spiny lobsters, crabs), produce ultrasonic
sounds when they crawl on sand and rocks, or move
their antennae and claws, or when shellfish respire.
Hermit crab, serpils and tomay-gai (Cardita
cumingiana) that live on beach rocks are a noticeable
(Physics--Acoustics, TT, v. 8, no. 2) (over)

60-19855

I. Hashimoto, T.
II. Maniwa, Y.
III. Fish and Wildlife Service,
Washington, D. C.

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Noise of Creatures in Sea in Region of Ultra-sound, by Tomiju Hashimoto, Yoshinobu Maniwa,
14 pp.

JAPANESE, rpt, Japan Fisheries Agency, Technical Report of Fishing Boat, Vol. XII, 1958,
pp 99-114.

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Sci - Geophys
May 61

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WEVER, F.
HASHIMOTO, U.

On the Binary System Cobalt-Chromium, with a Note
on the Properties of Cobalt-Chromium Alloys and an
Appendix on the Influence of Some Alloy Elements
on the Properties of the Chromium-Cobalt Alloys.

MITTEILUNGEN K.-W. INSTITUT EISENFORSCHUNG, vol 11,
1929, No 19, pp 293-330; 2200 words.

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Brutcher No 1801, § 3. 5. 1

Research on the Relation Between Cast Iron and
Oxygens; the Effect of the Oxygen Content
in Cast Iron and its Structure, by Masao
Komai, Yasuhiiko Hashimoto, 19 p.

JAPANESE, per, Nihon Kinzoku Gakkaishi, 1952,
Vol XVI, No 9, pp 486-494.

SLA 60-10348

Sci
Apr 60
Vol III, No 3

113, 652

Research on the Relation Between Cast Iron and Oxygen; Some Considerations in Connection with the Structural Changes by Oxygen, by Masao Ichimura, Yasuhiko Hashimoto, 18 p.

JAPANESE, per, Nihon Kinzoku Gakkaishi, 1952,
Vol XVI, No 10, pp 547-551.

SLA 60-10368

Sci
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Vol III, No 3

113,653

Hashimoto, Yohel.
METHOD OF MANUFACTURING β -METHIONINE
FROM CASTOR OIL CAKE. Feb 64, 14p
Order from SA \$16.00 SA Code-P-243

Trans. in manuscript of published Japanese patent
2274/1958, 5 Apr 58, cl. 16-B-63 (30-B-7) (appl.
no. 27024/1955, 13 Oct 55). (Abstract available)

DESCRIPTORS: *Amino acids, Drugs, *Methionine,
Manufacturing methods, *Vegetable oils, Hydrolysis,
Separation.

The invention relates to a method of manufacturing
 β -methionine from castor oil cake characterized by
hydrolyzing with acid the cake after pressing the oil
from castor bean and then by extracting β -methionine
from the said hydrolyzate by separation. (Author)

(Biological Sciences--Pharmacology, TT, v. 11, no. 6)

TT-64-12561

I. Hashimoto, Y.
II. Patent (Japan) pub. 33-2274
III. SA-Code-P-243
IV. Seizaburo Aoki, Fujisawa
(Japan)

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Electrolytic Titanium, by Shinzo Okada,
Makoto Kawane, Mitsunao Takahashi, Tomoyasu Hashino,
7 pp.

JAPANESE, per, J. Chem Soc, Japan, Ind Chem Sect,
Vol LVI, No 6, 1953, pp 410-411.

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Hashizume, K.
SYNTHESIS OF 2,5-DIANILINOTEREPHTHALIC ACID.
Pt. 2 of Studies on the Organic Pigments of Cuineacridon
Series. [1962] 8p.
Order from ATS \$11.00 **ATS-69P64]**

Trans. of Yuki Gosei Kagaku Kyokai Shi (Japan) 1962,
v. 20, no. 1, p. 248-251.

DESCRIPTORS: *Pigments, Synthesis, Aniline derivatives, *Phthalic acids.

(Chemistry--Organic, TT, v. 9, no. 2)

63-12281

- I. Hashizume, K.
 - II. ATS-69P6+j
 - III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

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